

Title (en)
HARQ-ACK HANDLING WITH MULTIPLE PUCCH IN MULTI-TRP TRANSMISSION IN NR

Title (de)
HARQ-ACK-HANDHABUNG MIT MEHRFACH-PUCCH IN DER MULTI-TRP-ÜBERTRAGUNG IN NR

Title (fr)
GESTION DE HARQ-ACK AVEC DE MULTIPLES PUCCH DANS UNE TRANSMISSION MULTI-TRP DANS UNE NR

Publication
EP 4243312 A2 20230913 (EN)

Application
EP 23188929 A 20191023

Priority
• EP 18203856 A 20181031
• EP 19787317 A 20191023
• EP 2019078853 W 20191023

Abstract (en)
The present disclosure relates to a user equipment, a network node and respective communication methods for a user equipment and a network node. A according to some embodiments, a user equipment comprises a transceiver which, in operation, receives data on a plurality of downlink shared channels, the data received on the plurality of downlink shared channels being respectively the same data, and circuitry which, in operation, decodes the data, generates an indicator which indicates whether or not the data has been successfully decoded using the plurality of downlink shared channels. The transceiver, in operation, transmits the indicator on at least one of a plurality of uplink control channels associated respectively with the plurality of downlink shared channels.

IPC 8 full level
H04L 1/1607 (2023.01)

CPC (source: EP US)
H04L 1/08 (2013.01 - EP); **H04L 1/1607** (2013.01 - EP); **H04L 1/1819** (2013.01 - US); **H04L 1/1854** (2013.01 - EP); **H04L 1/1858** (2013.01 - EP); **H04L 1/1864** (2013.01 - EP); **H04L 1/189** (2013.01 - EP); **H04L 5/0055** (2013.01 - US); **H04W 72/1273** (2013.01 - US); **H04L 1/1845** (2013.01 - EP); **H04L 2001/0092** (2013.01 - EP); **H04W 92/24** (2013.01 - US)

Citation (applicant)
"3GPP TS", Database accession no. 38.211 V15.0.0

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3648383 A1 20200506; CN 112352393 A 20210209; CN 112352393 B 20240503; EP 3874637 A1 20210908; EP 3874637 B1 20231011; EP 4243312 A2 20230913; EP 4243312 A3 20231129; JP 2022511202 A 20220131; JP 7471241 B2 20240419; US 11528100 B2 20221213; US 11824661 B2 20231121; US 2021111839 A1 20210415; US 2023077999 A1 20230316; US 2024048282 A1 20240208; WO 2020089009 A1 20200507

DOCDB simple family (application)
EP 18203856 A 20181031; CN 201980044363 A 20191023; EP 19787317 A 20191023; EP 2019078853 W 20191023; EP 23188929 A 20191023; JP 2020571453 A 20191023; US 202017128350 A 20201221; US 202218054846 A 20221111; US 202318488845 A 20231017